

**What is claimed is:**

1. An all-in-one headset to be worn on a user's head, comprising:

a head band;

5 a first housing arranged at one end of said head band, said first housing having an inside wall contacting with an ear lobule of said user, and an outside wall on the opposite side of said inside wall;

a boom member stretching forward from said first housing;

a second housing arranged at the top end of said boom member;

10 a microphone for converting the voice of said user into an electric signal, said microphone being housed in said second housing;

a communication unit for transmitting the electric signal converted by said microphone, and receiving an electric signal indicative of a communicating partner, with one communication mode between two communication modes using one  
15 communication channel between two communication channels, said communication unit being housed in said first housing;

an ear speaker for converting the electric signal indicative of a communicating partner into sound, said ear speaker being arranged on said inside wall;

20 an operating panel having a communication channel selecting switch for outputting a communication channel selecting signal, and a communication mode selecting switch for outputting a communication mode selecting signal;

a control unit for controlling said communication unit so as to operate with one communication mode selected in accordance with said communication mode selecting signal, using one communication channel selected in accordance with said  
25 communication channel selecting signal, said control unit being housed in said first housing;

a display control signal generating unit for generating a display control signal indicative of the communication channel selected by said communication channel selecting signal and the communication mode selected by said communication mode selecting signal, said display control signal generating unit being housed in said first  
30 housing; and

a display unit for displaying a sign indicative of the communication channel selected by said communication channel selecting signal and the communication mode selected by said communication mode selecting signal in accordance with said display control signal generated in said display control signal generating unit, said display unit being  
35 arranged on the circumference wall of said second housing.

2. The all-in-one headset as set forth in claim 1, in which said indicating unit includes at least two light emitting diodes, each thereof emits light of a color different from each other, and

5       said display control signal generating unit controls on/off states and blinking patterns of said light emitting diodes.

3. The all-in-one headset as set forth in claim 2, in which said display control signal generating unit turns on one light emitting diode which emits light of color corresponding to said selected communication channel, and blinks said turned on light  
10       emitting diode a cycle corresponding to the selected communication mode.

4. The all-in-one headset as set forth in claim 1, in which said indicating unit consists of a liquid crystal display panel displaying at least two alpha-numerals.

15       5. The all-in-one headset as set forth in claim 4, in which said display control signal generating unit controls said liquid crystal display panel so that one alpha-numeral shows said selected communication channel, and the other alpha-numeral shows said selected communication mode.